

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY DOCKET : 53000/1001 APPLICATION NO. : unassigned 09/048966 APPLICANT : E.R.B. Shanmugasundaram et al. FILING DATE : March 26, 1998 GROUP : unassigned 1651
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
		4	7	6	1	2	8	6						
8/	AA									08.02.88	Hiji	A61K	35/78	—
	AB									03.27.90	Hiji	A61K	31/70	—
	AC									03.18.97	Policappelli et al.	A61K	35/78	
	AD													
	AE													
	AF													
	AG													
	AH													
	AI													
	AJ													
	AK													

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATE	
		4	7	6	1	2	8	6						YES	NO
	AL														
	Am														
	AN														
	AO														
	AP														

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

9	AR	Shanmugasundaram et al., Enzyme Changes and Glucose Utilisation in Diabetic Rabbits: The Effect of <i>Gymnema Sylvestre</i> , R.Br., <i>Journal of Ethnopharmacology</i> 7, pp 205-234, 1983.	
11	AS	Murakami et al., New Hypoglycemic Constituents in "Gymnemic Acid" from <i>Gymnema Sylvestre</i> , <i>Chem. Pharm. Bull</i> 44(2), pp 469-471, 1996.	
11	AT	Liu et al., Isolation and Structure Elucidation of Gymnemic Acids, Antisweet Principles of <i>Gymnema sylvestre</i> , <i>Chem, Pharm. Bull.</i> 40(6), pp 1366-1375, 1992.	
EXAMINER		del	DATE CONSIDERED 1/17/99

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY DOCKET NO. : 53000/1001 APPLICATION NO. : unassigned APPLICANT : E.R.B. Shanmugasundaram et al. FILING DATE : March 26, 1998 GROUP : unassigned
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		09/015766 1657

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATE YES NO
	AL						
	Am						
	AN						
	AO						
	AP						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	BR	Rao et al., Constituents from <i>Gymnema sylvestre</i> Leaves VIII: Isolation, Chemistry, and Derivatives of Gymnemagenin and Gymnestrogenin, <i>Journal of Pharmaceutical Sciences</i> 60(2), pp 190- 192, 1971.
	BS	Sinsheimer et al., Constituents from <i>Gymnema sylvestre</i> Leaves V: Isolation and Preliminary Characterization of the Gymnemic Acids, <i>Journal of Pharmaceutical Sciences</i> 59(5), pp 622-628, 1970.
	BT	Rathi et al., Studies on Protein-bound Polysaccharide Components & Glycosaminoglycans in Experimental Diabetes-Effect of <i>Gymnema sylvestre</i> , R. Br., <i>Indian Jnl Experimental Biol</i> 19, pp. 715-721, 1981.
EXAMINER		DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY DOCKET : 53000/1001 APPLICATION NO. : unassigned APPLICANT : E.R.B. Shanmugasundaram et al. FILING DATE : March 26, 1998 GROUP : unassigned
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATE YES NO
	AL						
	Am						
	AN						
	AO						
	AP						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

y	CR	Shanmugasundaram et al., Possible Regeneration of the Islets of Langerhans in Streptozotocin-diabetic Rats Given <i>Gymnema Sylvestre</i> Leaf Extracts, <i>Journal of Ethnopharmacology</i> 30, pp 265-279, 1990.
	CS	Sinsheimer et al., Constituents from <i>Gymnema sylvestre</i> Leaves VI: Acylated Genins of the Gymnemic Acids—Isolation and Preliminary Characterization, <i>Jrnl of Pharmaceutical Sciences</i> 59(5), pp 629-632, 1970.
	CT	Shanmugasundaram et al., Use of <i>Gymnema Sylvestre</i> Leaf Extract in the Control of Blood Glucose in Insulin-dependent Diabetes Mellitus, <i>Journal of Ethnopharmacology</i> 30, pp 281-294, 1990.
EXAMINER	DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY DOCKET NO. : 53000/1001 APPLICATION NO. : unassigned 09/048966 APPLICANT : E.R.B. Shanmugasundaram et al. FILING DATE : March 26, 1998 GROUP : unassigned 1637
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATE YES NO
	AL						
	Am						
	AN						
	AO						
	AP						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

4	DR	Baskaran et al., Antidiabetic Effect of a Leaf Extract from <i>Gymnema Sylvestre</i> in Non-insulin-dependent Diabetes Mellitus, <i>Journal of Ethnopharmacology</i> 30, pp 295-305, 1990.
	DS	
	DT	
EXAMINER		DATE CONSIDERED
Wu		1/12/97

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.